

GenCore version 4.5
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OM nucleic - nucleic search, using sw model

Run on: June 19, 2002, 11:55:27 ; Search time 69.8 Seconds
(without alignments)
3146.080 Million cell updates/sec

Title: US-09-788-476a-1
Perfect score: 894
Sequence: 1 gggagtgagtgagtgagtgtaa.....taataaaaaataagaaga 894

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 383533 seqs, 122816752 residues

Total number of hits satisfying chosen parameters: 767066

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_NA: *
1: /cgn2_6/ptodata/1/ina/5A.COMB.seq: *
2: /cgn2_6/ptodata/1/ina/5B.COMB.seq: *
3: /cgn2_6/ptodata/1/ina/6A.COMB.seq: *
4: /cgn2_6/ptodata/1/ina/6B.COMB.seq: *
5: /cgn2_6/ptodata/1/ina/PCTUS.COMB.seq: *
6: /cgn2_6/ptodata/1/ina/backfile1.seq: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
C 1	80.6	9.0	7218	1 US-08-232-463-14	Sequence 14, Appl
2	53.6	6.0	3211	2 US-08-574-959A-8	Sequence 8, Appl
3	53.6	6.0	3211	4 US-09-357-014-8	Sequence 8, Appl
4	53.6	6.0	3901	2 US-08-574-959A-6	Sequence 6, Appl
5	53.6	6.0	3901	4 US-09-357-014-6	Sequence 6, Appl
6	43	4.8	2277	1 US-08-676-967-2	Sequence 2, Appl
7	43	4.8	2277	1 US-08-676-974-2	Sequence 2, Appl
8	43	4.8	2277	2 US-09-098-487-2	Sequence 2, Appl
9	43	4.8	4081	4 US-08-999-774A-1	Sequence 1, Appl
10	42.6	4.8	5183	1 US-08-459-568-3	Sequence 3, Appl
11	42.6	4.8	5183	2 US-08-399-411-3	Sequence 3, Appl
12	42.6	4.8	5868	3 US-08-516-859A-3	Sequence 3, Appl
13	41.8	4.7	231	4 US-09-461-697-207	Sequence 207, App
14	41.8	4.7	282	4 US-09-461-697-205	Sequence 205, App
15	41.8	4.7	306	4 US-09-461-697-203	Sequence 203, App
16	41.8	4.7	696	4 US-09-461-697-193	Sequence 193, App
17	41.8	4.7	699	4 US-09-461-697-191	Sequence 191, App
18	41.8	4.7	717	4 US-09-461-697-189	Sequence 189, App
19	41.8	4.7	774	4 US-09-461-697-187	Sequence 187, App
20	41.8	4.7	819	4 US-09-461-697-185	Sequence 185, App
21	41.8	4.7	1669	4 US-09-461-697-184	Sequence 184, App
22	41.2	4.6	1236	2 US-08-741-134-5	Sequence 5, Appl
23	40.4	4.5	3095	6 5231168-1	Patent No. 5231168
24	40.2	4.5	2606	2 US-08-568-459A-7	Sequence 7, Appl
25	40.2	4.5	2606	2 US-08-487-826B-7	Sequence 17, Appl
26	40	4.5	289	4 US-09-007-005-17	Sequence 17, Appl
27	40	4.5	289	4 US-09-244-796-17	Sequence 17, Appl

28	39.8	4.5	759	1 US-08-466-603-4	Sequence 4, Appl
29	39.8	4.5	759	1 US-08-314-503A-4	Sequence 4, Appl
30	39.8	4.5	759	1 US-08-468-066-4	Sequence 4, Appl
31	39.8	4.5	759	2 US-08-466-717-4	Sequence 4, Appl
32	39.8	4.5	759	3 US-08-466-743-4	Sequence 4, Appl
33	39.8	4.5	759	5 PCT-US95-12414-4	Sequence 4, Appl
34	39.8	4.5	980	1 US-08-466-603-3	Sequence 3, Appl
35	39.8	4.5	980	1 US-08-314-503A-3	Sequence 3, Appl
36	39.8	4.5	980	1 US-08-468-066-3	Sequence 3, Appl
37	39.8	4.5	980	2 US-08-466-717-3	Sequence 3, Appl
38	39.8	4.5	980	3 US-08-466-743-3	Sequence 3, Appl
39	39.8	4.5	980	5 PCT-US95-12414-3	Sequence 3, Appl
40	39.8	4.5	1320	1 US-08-257-073-15	Sequence 15, Appl
41	39.8	4.5	1482	4 US-08-098-327E-41	Sequence 41, Appl
42	39.8	4.5	1482	4 US-08-098-327E-45	Sequence 45, Appl
43	39.8	4.5	1482	4 US-08-462-625-41	Sequence 41, Appl
44	39.8	4.5	1482	4 US-08-462-625-45	Sequence 45, Appl
45	39.8	4.5	1493	4 US-08-098-327E-38	Sequence 38, Appl

ALIGNMENTS

RESULT 1
US-08-232-463-14/c
: Sequence 14, Application US/08232463
: Patent No. 5670367
: GENERAL INFORMATION:
: APPLICANT: DORNER, F.
: APPLICANT: SCHEFLINGER, F.
: APPLICANT: FALKNER, F. G.
: TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS
: NUMBER OF SEQUENCES: 52
: CORRESPONDENCE ADDRESS:
: ADDRESS: Foley & Lardner
: STREET: 1800 Diagonal Road, Suite 500
: CITY: Alexandria
: STATE: VA
: COUNTRY: USA
: ZIP: 22313-0299
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: PatentIn Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/232,463
: FILING DATE:
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US/07/935,313
: FILING DATE:
: APPLICATION NUMBER: EP 91 114 300.6
: FILING DATE: 26-AUG-1991
: ATTORNEY/AGENT INFORMATION:
: NAME: BENT, Stephen A.
: REGISTRATION NUMBER: 29,768
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (703)836-9300
: TELEFAX: (703)683-4109
: TELEX: 899149
: INFORMATION FOR SEQ ID NO: 14:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 7218 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: IMMEDIATE SOURCE:
: CLONE: pTZgpt-F15
: US-08-232-463-14

ADDRESSEE: Science & Technology Law Group
STREET: 268 Bush Street, Suite 3200
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentln Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/098,487
FILING DATE:
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Osman Ph.D., Richard A
REGISTRATION NUMBER: 36,627
REFERENCE/DOCKET NUMBER: UCB96-055
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415)343-4341
TELEFAX: (415)343-4342
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 2277 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-09-098-487-2

Query Match 4.8%; Score 43; DB 2; Length 2277;
Best Local Similarity 31.6%; Pred. No. 0.0069;
Matches 104; Conservative 53; Mismatches 169; Indels 3; Gaps 1;

QY 42 ggaagctccataagctaaagcttgcgaactaaagcaagaatgtctgtcgtgttgga 101
DB 507 ggcvtynnaaragntgaaytatgaarathaaaragmnngcngtngatgagc 566
QY 102 gaccaaggaataaagcaagatctatccacagactccaggcatctcttgaagaacatgc 161
DB 567 ngtnngcnaragayarrtlyaaragayacncarwmnctnmnscnathgngnrgaragaaarws 626
QY 162 tgaagagaggcaaatgaaagtactgagagatgaagaagaagaagaacaa 221
DB 627 ncaigarwsnarcaiycaarwmsngtinaaraaraaragmnngnrgaragatgatga 686
QY 222 gccattgagctccctgtcaagaagagaaaccccttgaaaaaact--gttgaatgtgc 278
DB 687 rgagargararaaygayaygayaygayaygayaygararagaygngnttttgayga 746
QY 279 agcagagaagaagtgtgaaatatactcgaataaccacagactgagagaatgcagaa 338
DB 747 ygaragayaragargaragaaayathgarwsnaarctncaarccngtncarathcaraan 806
QY 339 gagggctgaacgatcaatgtacactgtga 367
DB 807 rmngncngtinaarwmnccngcncgcna 835
RESULT 9
US-08-999-774A-1
; Sequence 1, Application US/08999774A
; GENERAL INFORMATION:
; APPLICANT: Gish, Kurt C.
; APPLICANT: Seghezzi, Wolfgang
; APPLICANT: Shanahan, Frances
; APPLICANT: Lees, Emma M.
; APPLICANT: Mcclanahan, Terill K.
; TITLE OF INVENTION: Intracellular Regulatory Molecules;
; TITLE OF INVENTION: Related Reagents

NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: DNAX Research Institute
STREET: 901 California Avenue
CITY: Palo Alto
STATE: California
COUNTRY: USA
ZIP: 94304-1104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentln Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/999,774A
FILING DATE: 10-DEC-1997
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/032,818
FILING DATE: 11-DEC-1996
ATTORNEY/AGENT INFORMATION:
NAME: Ching, Edwin P.
REGISTRATION NUMBER: 34,090
REFERENCE/DOCKET NUMBER: DX0646
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650)852-9196
TELEFAX: (650)466-1200
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 4081 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
FEATURE:
NAME/KEY: CDS
LOCATION: 117..3431
US-08-999-774A-1

Query Match 4.8%; Score 43; DB 4; Length 4081;
Best Local Similarity 48.6%; Pred. No. 0.0093;
Matches 118; Conservative 0; Mismatches 125; Indels 0; Gaps 0;

QY 107 agggataaagcaaatcttatccacagactccagcatatcttgaagaatgctgaag 166
DB 2449 aggaataaagtgaaacccacccctgattgtcagcacctgaaagacgaaataaagtgg 2508
QY 167 aggaagcaaatgaagaagtactgtgagatgaagaacagaggaagaagaacaaagccca 226
DB 2509 aaatgaanaacgattgaagtgtataagcacaagaatgagaaataaataatgtgaaa 2568
QY 227 ttgagctccctgtcaagaagagaacccctgaaaaaactgttgaatgtgtgcacagaga 286
DB 2569 aggaacagagatgacgaactgagatgaccaaattcagaagaaagagactgaagaga 2628
QY 287 agaaagtgtgaataattacatctgaatatcacagactgagagaatgtgaagaagggtctg 346
DB 2629 acaagaactcactgattacattgataaagaagaagaatgattctgggaagaagaagtga 2688
QY 347 aac 349
DB 2689 AAC 2691
RESULT 10
US-08-459-568-3
; Sequence 3, Application US/08459568
; Patent No. 5811304
; GENERAL INFORMATION:
; APPLICANT: Huang, Shi
; TITLE OF INVENTION: Retinoblastoma Protein - Interacting
; TITLE OF INVENTION: Zinc Finger Proteins

```

; NUMBER OF SEQUENCES: 93
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell and Flores
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/459,568
; FILING DATE: 02-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/399,411
; FILING DATE: 06-MAR-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-LJ 1264
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 5183 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..5158
; US-08-459-568-3
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Query Match 4.8%; Score 42.6; DB 1; Length 5183;
Best Local Similarity 61.1%; Pred. No. 0.014;
Matches 69; Conservative 0; Mismatches 44; Indels 0; Gaps 0;

Oy 140 aggcatacttgaagaactgctgaaggaggaatgaagaagatgactgggagatg 199
    ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 815 AGGAAGAGGAGGAGGATGAAGAAAGAAAGAGATGATGATGATGATGATGATG 874

Oy 200 aaacagaggaagaagaacaagcccatgagctccctgltcaagaagaaga 252
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 875 AGGGGGAAGAAAGACGACGATGCCAATGAATAATTCTGTGAAGAGCCAGAA 927

RESULT 11
US-08-399-411-3
; Sequence 3, Application US/08399411
; Patent No. 5831008
; GENERAL INFORMATION:
; APPLICANT: Huang, Shi
; TITLE OF INVENTION: Retinoblastoma Protein - Interacting
; NUMBER OF SEQUENCES: 93
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell and Flores
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
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; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/399,411
; FILING DATE: 06-MAR-1995
; CLASSIFICATION: 530
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-LJ 1264
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 5183 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 1..5158
; US-08-399-411-3
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Query Match 4.8%; Score 42.6; DB 2; Length 5183;
Best Local Similarity 61.1%; Pred. No. 0.014;
Matches 69; Conservative 0; Mismatches 44; Indels 0; Gaps 0;

Oy 140 aggcatacttgaagaactgctgaaggaggaatgaagaagatgactgggagatg 199
    ||| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
Db 815 AGGAAGAGGAGGAGGATGAAGAAAGAAAGAGATGATGATGATGATGATGATG 874

Oy 200 aaacagaggaagaagaacaagcccatgagctccctgltcaagaagaaga 252
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Db 875 AGGGGGAAGAAAGACGACGATGCCAATGAATAATTCTGTGAAGAGCCAGAA 927
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RESULT 12
US-08-516-859A-3
; Sequence 3, Application US/08516859A
; Patent No. 6069231
; GENERAL INFORMATION:
; APPLICANT: Huang, Shi
; TITLE OF INVENTION: Retinoblastoma Protein - Interacting
; NUMBER OF SEQUENCES: 106
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell & Flores LLP
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/516,859A
; FILING DATE: 18-AUG-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/399,411
; FILING DATE: 06-MAR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/292,683
; FILING DATE: 18-AUG-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-LJ 1776
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
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US-09-461-697-203

Query Match 4.7%: Score 41.8; DB 4; Length 306;
 Best Local Similarity 50.8%; Pred. No. 0.0055;
 Matches 100; Conservative 0; Mismatches 97; Indels 0; Gaps 0;

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DB	87	gaagaaagatggaagaaagagataaaatgtgaatggaagagagatgcacaaagagaa	146
QY	211	gaagaaacaaagcccatgagctccctgtcaagaggaagacccctgaaaaactgtt	270
DB	147	gaagatggaaaaaaaggtgaagacggaaggaatgtggaagatggaagagaaagga	206
QY	271	gattgtgagcagagagaagaagtgtgtgaaaattacatctgaattaccacagatgagga	330
DB	207	gaagatgaaaaagaggaagaaacagaaacagaggttgaaaaagagaatgaagat	266
QY	331	atgcagaagagggtctga	347
DB	267	ggaagagagaggagga	283

Search completed: June 19, 2002, 14:17.35
 Job time: 8528 sec